

What is claimed is:

1. A method of manufacturing a short-arc, ultra-high-pressure discharge lamp having a luminescent tube containing a pair of facing electrodes, and side tubes extending from opposite sides of the luminescent tube, a portion of the electrodes being sealed within said side tubes, comprising the steps of:

1) sealing an electrode and a metallic foil connected thereto within one of the side tubes by heating the side tube to a temperature higher than the softening point of the side tubes;

2) following said sealing, cooling the side tube to seal and fix the metallic foil in the side tube;

3) after said cooling, re-heating a portion of the side tube in which the electrode is sealed so as to soften said portion of the side tube and produce contact with the electrode while said portion is in a viscous, fluid state; and

4) vibrating the re-heated side tube, while the temperature of the portion of the side tube in which the electrode is sealed is in a temperature range between a softening temperature and an annealing temperature of the side tube, in a manner causing the electrode to rub against the contacting portion of the side tube while said portion is in a viscous, fluid state.